

NEW GENERA OF BROMELIACEAE

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ABSTRACT

New combinations are enumerated in two new genera of Bromeliaceae.

KEY WORDS: Bromeliaceae, Neotropics, nomenclature

The generic names *Podaechmea* *stat. nov.* and *Platyaechmea* *stat. nov.* (Smith & Kress 1989) were invalidly published under Art. 33.2 because their basionyms were omitted by error. The new combinations within these genera were also invalidly published under Art. 43. All are herewith validated.

Podaechmea (Mez) Smith & Kress, *stat. nov.* BASIONYM: *Aechmea* subgen. 1. *Podaechmea* Mez, DC. *Monogr. Phan.* 9:191. 1896. TYPE SPECIES: *Podaechmea lueddemanniana* (K. Koch) Smith & Kress.

Podaechmea ferruginea (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea ferruginea* L.B. Smith, *Contr. Gray Herb.* 98:5, pl. 1, figs. 1-3. 1932.

Podaechmea galeottii (Baker) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea galeottii* Baker, *Handb. Bromel.* 51. 1889.

Podaechmea lueddemanniana (K. Koch) Smith & Kress, *comb. nov.* BASIONYM: *Pironneava lueddemanniana* K. Koch, *Wochenschr. Gärtnerei Pflanzenk.* 9:182. 1866.

Podaechmea macvaughii (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea macvaughii* L.B. Smith, *Phytologia* 10: pl. 1, figs.

Podaechmea mexicana (Baker) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea mexicana* Baker, *J. Bot.* 17:165. 1879.

- Platyaechmea** (Baker) Smith & Kress, *stat. nov.* BASIONYM: *Aechmea* section *Platyaechmea* Baker, J. Bot. 17:130. 1879. TYPE SPECIES: *Platyaechmea disticantha* (Lemaire) Smith & Kress.
- Platyaechmea anomala** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea anomala* L.B. Smith, *Caldasia* 3:237, fig. 1945.
- Platyaechmea caesia** (Baker) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea caesia* E. Morren ex Baker, *Handb. Bromel.* 43. 1889.
- Platyaechmea chantinii** (Carrière) Smith & Kress, *comb. nov.* BASIONYM: *Billbergia chantinii* Carrière, *Rev. Hort.* 50:112, fig. 22. 1878; 52:272, figs. 54-56. 1880.
- Platyaechmea contracta** (Schultes *filius*) Smith & Kress, *comb. nov.* BASIONYM: *Billbergia contracta* Martius ex Schultes *filius* in Roemer & Schultes, *Syst. Veg.* 7(2):1263. 1830.
- Platyaechmea dealbata** (Baker) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea dealbata* E. Morren ex Baker, *Handb. Bromel.* 58. 1889.
- Platyaechmea dichlamidea** (Baker) Smith & Kress, *comb. nov.* *Platyaechmea dichlamidea* (Baker) Smith & Kress var. *dichlamidea*. BASIONYM: *Aechmea dichlamidea* Baker, J. Bot. 17:133. 1879.
- Platyaechmea dichlamidea** (Baker) Smith & Kress var. **pariaensis** (Pittendrigh) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea dichlamidea* Baker var. *pariaensis* Pittendrigh in L.B. Smith, *Phytologia* 18:137, pl. 1, fig. 1. 1969.
- Platyaechmea dichlamidea** (Baker) Smith & Kress var. **trinitensis** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea dichlamidea* Baker var. *trinitensis* L.B. Smith, *Proc. Amer. Acad. Arts (Contr. Gray Herb. #102)* 68:145, pl. 1, fig. 3. 1933.
- Platyaechmea disticantha** (Lemaire) Smith & Kress, *comb. nov.* *Platyaechmea disticantha* (Lemaire) Smith & Kress var. *disticantha* forma *disticantha*. BASIONYM: *Aechmea disticantha* Lemaire, *Jard. Fleur.* 3:pl. 269. 1853.
- Platyaechmea disticantha** (Lemaire) Smith & Kress forma **albiflora** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea disticantha* Lemaire forma *albiflora* L.B. Smith, *Arq. Bot. Estado São Paulo* 1:102. 1943.
- Platyaechmea disticantha** (Lemaire) Smith & Kress var. **glaziovii** (Baker) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea glaziovii* Baker, J. Bot. 17:133. 1879.

- Platyaechmea disticantha** (Lemaire) Smith & Kress var. **schlumbergeri** (Mez) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea disticantha* Lemaire var. *schlumbergeri* E. Morren ex Mez, *Martius Flora Brasiliensis* 3(3):343. 1892.
- Platyaechmea disticantha** (Lemaire) Smith & Kress var. **vernica** (E. Pereira) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea disticantha* Lemaire var. *vernica* E. Pereira, *Bradea* 2(947):308. 1979.
- Platyaechmea fasciata** (Lindley) Smith & Kress, *comb. nov.* *Platyaechmea fasciata* (Lindley) Smith & Kress var. *fasciata*. BASIONYM: *Billbergia fasciata* Lindley, *Bot. Reg.* 13: pl. 1130. 1828.
- Platyaechmea fasciata** (Lindley) Smith & Kress var. **flavivittata** (Reitz) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea fasciata* (Lindley) Baker var. *flavi-vittata* Reitz, *Sellowia* 33:55. 1981.
- Platyaechmea fasciata** (Lindley) Smith & Kress var. **pruinosa** (Reitz) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea fasciata* (Lindley) Baker var. *pruinosa* Reitz, *Sellowia* 33:55. 1981.
- Platyaechmea fasciata** (Lindley) Smith & Kress var. **purpurea** (Guillon) Smith & Kress, *comb. nov.* BASIONYM: *Billbergia rhodocyanea* Lemaire var. *purpurea* Guillon, *Rev. Hort.* 55:453. 1883.
- Platyaechmea flavorosea** (E. Pereira) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea flavo-rosea* E. Pereira, *Bradea* 2(49):321, fig. (p. 323). 1979.
- Platyaechmea moorei** (Luther) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea moorei* Luther, *J. Brom. Soc.* 30(4):176, fig. 1980.
- Platyaechmea retusa** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea retusa* L.B. Smith, *Phytologia* 10:484, pl. 4, figs. 3-5. 1964.
- Platyaechmea romeroi** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea romeroi* L.B. Smith, *Phytologia* 5:282, pl. 1, figs. 4-6. 1955.
- Platyaechmea serrata** (L.) Smith & Kress, *comb. nov.* BASIONYM: *Tillandsia serrata* L., *Sp. Pl.* 286. 1753.
- Platyaechmea smithiorum** (Mez) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea smithiorum* Mez, *DC. Monogr. Phan.* 9:246. 1896.
- Platyaechmea tessmannii** (Harms) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea tessmannii* Harms, *Bot. Gart. Berlin* 9:1153. 1927.

- Platyaechmea tillandsioides** (Schultes *filius*) Smith & Kress, *comb. nov.* *Platyaechmea tillandsioides* (Schultes *filius*) Smith & Kress var. *tillandsioides*. BASIONYM: *Billbergia tillandsioides* Schultes *filius* in Roemer & Schultes, Schultes, *Syst. Veg.* 7(2):1269. 1830.
- Platyaechmea tillandsioides** (Schultes *filius*) Smith & Kress var. *kienastii* (Mez) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea kienastii* E. Morren ex Mez, DC. *Monogr. Phan.* 9:243. 1896.
- Platyaechmea wittmackiana** (Regel) Smith & Kress, *comb. nov.* BASIONYM: *Quesnelia wittmackiana* Regel, *Gartenflora* 37:497, pl. 1281, fig. 2. 1888.
- Platyaechmea zebrina** (L.B. Smith) Smith & Kress, *comb. nov.* BASIONYM: *Aechmea zebrina* L.B. Smith, *Phytologia* 4:358, pl. 2, figs. 1, 2. 1953.

LITERATURE CITED

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